

Pircher, G.

COMPARISON OF SENSITIVITY OF RADIO AND OPTICAL DETECTION SYSTEMS. [1963] 22p (refs omitted)

Order from SLA \$2.60

TT-63-18862

Trans. of Infrared Physics (England) 1962, v. 2, p. 141-153. (Abstract available)

DESCRIPTION: *Detectors, Radio receivers, Optical equipment, Sensitivity, Correlation techniques.

Active radio and optical detections have several features in common, especially when optical detection employs coherent waves. A comparison of factors entering into the detection equations is made. The essential differences between superheterodyne or direct amplification radio receivers and direct detection optical receivers are discussed. An expression of ultimate sensitivity (Engineering--Electronic, TT, v. 11, no. 4) (over)

TT-63-18862

I. Pircher, G.

Office of Technical Services

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227 PP. ~~GOVERNMENT USE ONLY~~

FRANCE, UNIDENTIFIED PUBLICATION, PP 169-192.

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